

LOCATION: BW-7-211

HYDRAULIC CONDITIONS: Apparent Water table in fractured bedrock.

PERTINENT OBSERVATIONS:

Bedrock was encountered at a drill depth of 175'. The borehole was blown clean of drilling fluid at 177' and allowed to recover for 1 hour. No fluid accumulated in the borehole, therefore, alluvium is not saturated. First indication of water occurred between 188' and 190' (drilling fluid thinned). Fractured andesite bedrock, encountered at a drill depth of 217', yielded substantial quantities of water during drilling. Static water levels, however, rose to 192.3' (surface casing) in the open borehole 48 hours after drilling operations ceased. Static water levels rose to 190.6' after an additional 24 hours of recovery. Static water levels correlate with the depth at which water was first detected, therefore, water table conditions are present.